

Figure 1

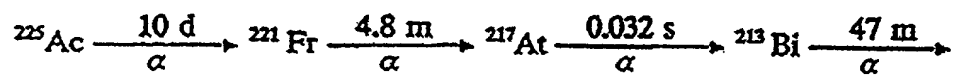


Figure 2

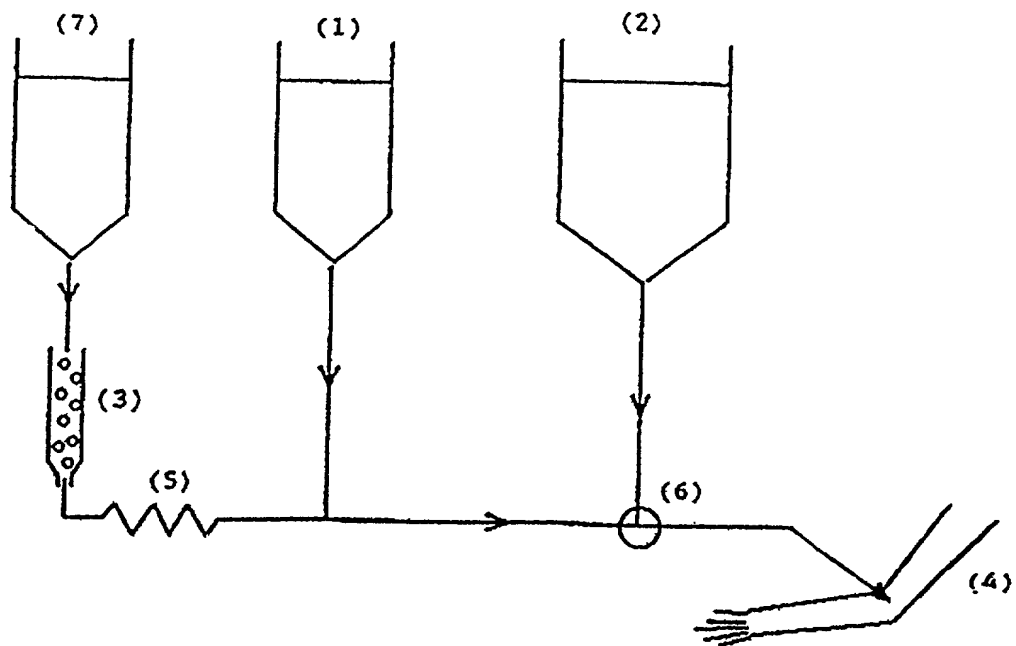


Figure 3

| Time (min) | 2 M HCl (CPM) | 2 M HI (CPM) | 0.1 M HI, HCl (CPM) | 0.1 M HI (CPM) |
|------------|---------------|--------------|---------------------|----------------|
| 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 |
| 3 | 0 | 210,000 | 0 | 0 |
| 3.5 | 60,000 | 160,000 | 0 | 10,000 |
| 4 | 180,000 | 40,000 | 230,000 | 80,000 |
| 4.5 | 500,000 | 20,000 | 170,000 | 120,000 |
| 5 | 180,000 | 10,000 | 50,000 | 120,000 |
| 5.5 | 50,000 | 5,000 | 20,000 | 90,000 |
| 6 | 20,000 | 5,000 | 10,000 | 50,000 |
| 7 | 10,000 | 5,000 | 5,000 | 20,000 |
| 8 | 5,000 | 5,000 | 5,000 | 10,000 |
| 9 | 5,000 | 5,000 | 5,000 | 5,000 |
| 10 | 5,000 | 5,000 | 5,000 | 5,000 |
| 11 | 5,000 | 5,000 | 5,000 | 5,000 |
| 12 | 5,000 | 5,000 | 5,000 | 5,000 |
| 13 | 5,000 | 5,000 | 5,000 | 5,000 |
| 14 | 5,000 | 5,000 | 5,000 | 5,000 |
| 15 | 5,000 | 5,000 | 5,000 | 5,000 |

Figure 4